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## Ethylenediamine [107-15-3]

Synonyms: 1,2-diaminoethane; 1,2-Ethanediamine; 1,2-ethylenediamine; beta-aminoethylaminoethane; Dimethylenediamine; EDA; EN; Ethane-1,2-diamine; Ethanediamine; Ethylenediamine; Ethylene diamine ; Ethylenediamine;

The chemical structure of diethylamine is shown as two ethyl groups ( $\text{CH}_2\text{CH}_3$ ) attached to a central nitrogen atom ( $\text{NH}_2$ ).

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<b>Formula</b>	C <sub>2</sub> H <sub>8</sub> N <sub>2</sub>	<b>Molecular Weight</b>	60.0986
<b>CAS RN</b>	107-15-3	<b>Melting Point (°C)</b>	8.5
<b>ACX Number</b>	X1001279-0	<b>Boiling Point (°C)</b>	116.5
<b>Density</b>	0.899	<b>Vapor Density</b>	2.07
<b>Refractive Index</b>	1.457	<b>Vapor Pressure</b>	10
<b>Evaporation Rate</b>	0.91	<b>Water Solubility</b>	miscible. >=10 g/1 mL at 17 C
<b>Flash Point (°C)</b>	34	<b>EPA Code</b>	
<b>DOT Number</b>	UN 1604 Corrosive material	<b>RTECS</b>	KH8575000
<b>Comments</b>	Colorless liquid or solid with an ammonia-like odor.		
	LACHRYMATOR/HYDROSCOPIC.		

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## Pesticides/Herbicides

## Physical Properties

## Regulations

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ATSDR Internet HazDat Site Contaminant Query

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Information about this particular compound

CHEMICALS STUDIED through NIEHS's Reproductive Toxicology Group

Idaho Toxic and Hazardous Substances

International Chemical Safety Cards

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RAIS Nonradionuclides Toxicity Values

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Ethylenediamine, 99%

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